



## EEA#16371 MERRYMOUNT PARK PEDESTRIAN BOARDWALK

### Remote MEPA Meeting

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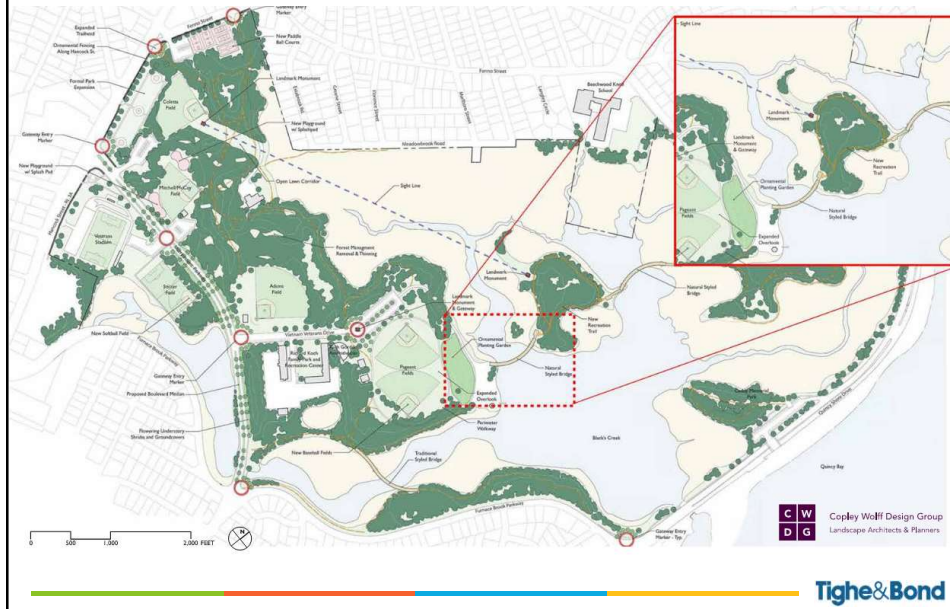
## PROJECT INTRODUCTION



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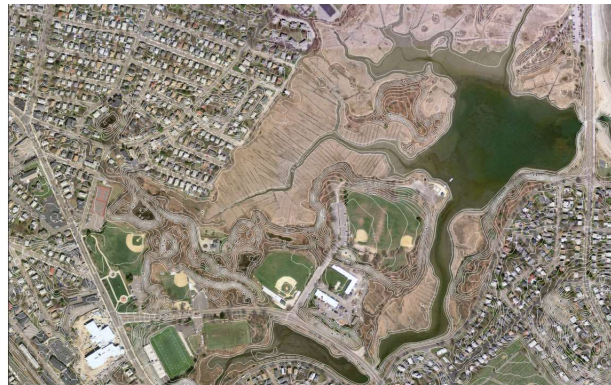
## PROJECT INTRODUCTION



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## PROJECT PURPOSE / OBJECTIVES

- **Increase pedestrian access to and views of Blacks Creek, tidal marshlands, and Pine Island**
- **Allow public access to Pine Island without the need to walk on the salt marsh**



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## EXISTING CONDITIONS - WETLAND RESOURCE AREAS



- Land Under the Ocean
- Salt Marsh
- Coastal Beach
- Coastal Bank
- Land Subject to Coastal Storm Flowage

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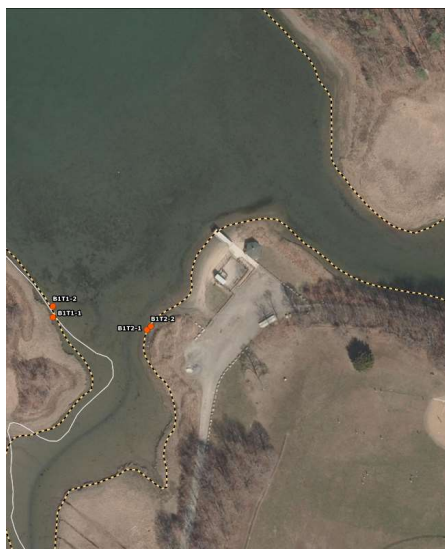
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## EXISTING CONDITIONS – BENTHIC COMMUNITY



### Aquatic plants

- Green algae
- Gutweed

### Shellfish

- Blue mussel
- Soft-shelled crab
- Quahog
- Common periwinkle (invasive)

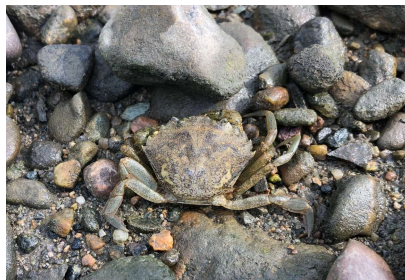
### Crabs

- Rock crab
- Green crab (invasive)
- Hermit crab

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## EXISTING CONDITIONS – BENTHIC COMMUNITY



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## PROPOSED PROJECT

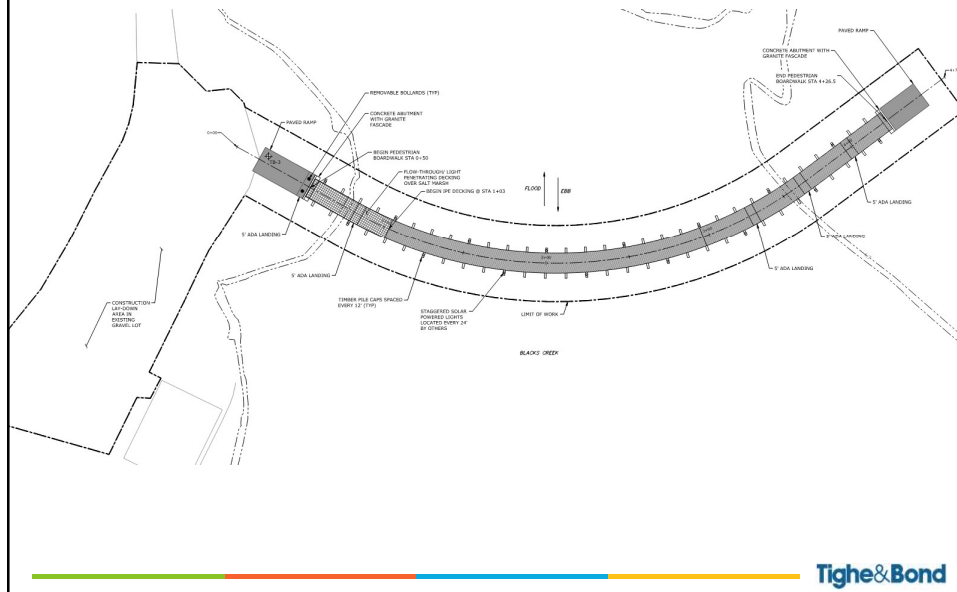
- Pedestrian boardwalk connecting the main area of Merrymount Park with Pine Island



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## PROPOSED PROJECT



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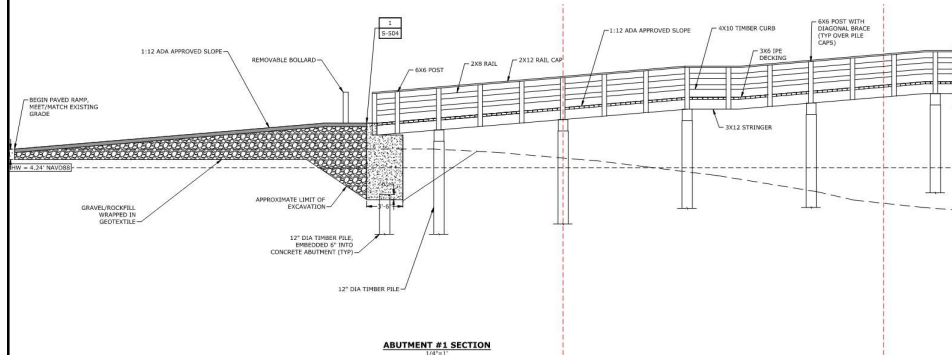
## DESIGN CONSIDERATIONS

- **Provide connectivity with/access to Pine Island**
  - Prevent pedestrian impacts to Salt Marsh
  - Provide accessibility for pedestrians of all abilities
- **Minimize impacts to Coastal Bank**
- **Minimize impacts to Salt Marsh**
- **Ensure compatibility of boardwalk design with natural surroundings and historic context**
- **Marine environment considerations**
  - Moving ice
  - Climate change related sea level rise and storm surge

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## PROPOSED PROJECT

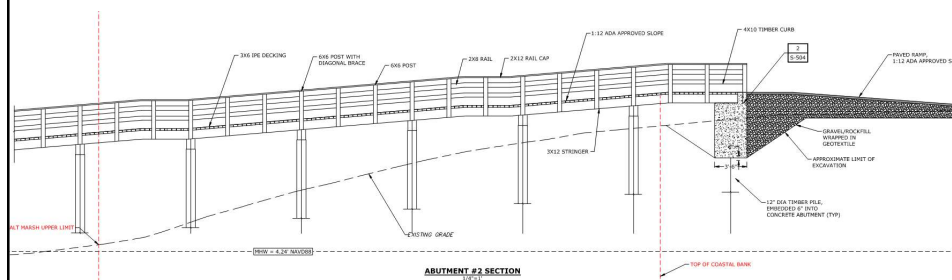


- Where 12-ft elevation above salt marsh is not possible due to ADA slope limitations, boardwalk will be constructed of flow-through decking
- Timber piles sized to satisfy all structural requirements while maintaining smallest size diameter possible
- Staging and access from parking area

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## PROPOSED PROJECT



- Boardwalk will be elevated above salt marsh more than 1 ft per 1 ft in width near Pine Island
- Abutments and access ramps located above Coastal Bank
- Boardwalk will be elevated 6 feet above MHHW to allow for kayak passage
- Construction timed to avoid impacts to boating activities and in compliance with time-of-year restrictions

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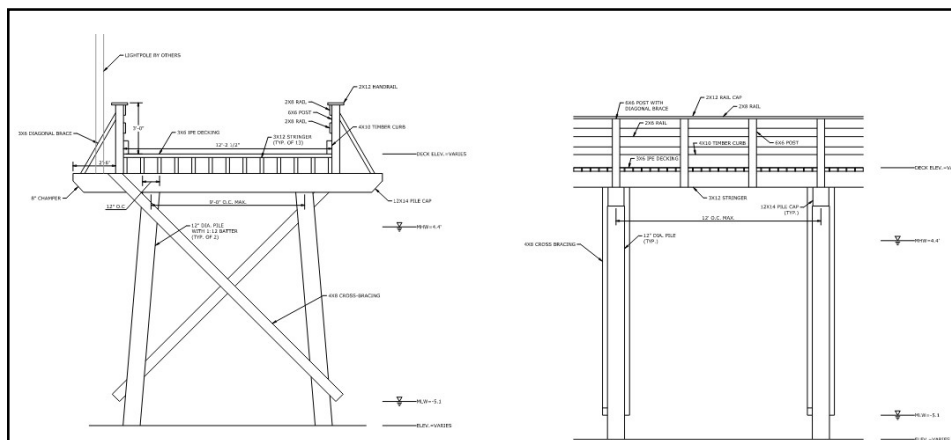


## PERMITS/AUTHORIZATIONS

- **MEPA**
  - Environmental Notification Form
- **Quincy Conservation Commission**
  - Notice of Intent
- **MassDEP**
  - 401 Water Quality Certification
  - Ch 91 License
- **Army Corps of Engineers**
  - Pre-Construction Notification
- **Coast Guard**

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## OPEN DISCUSSION

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